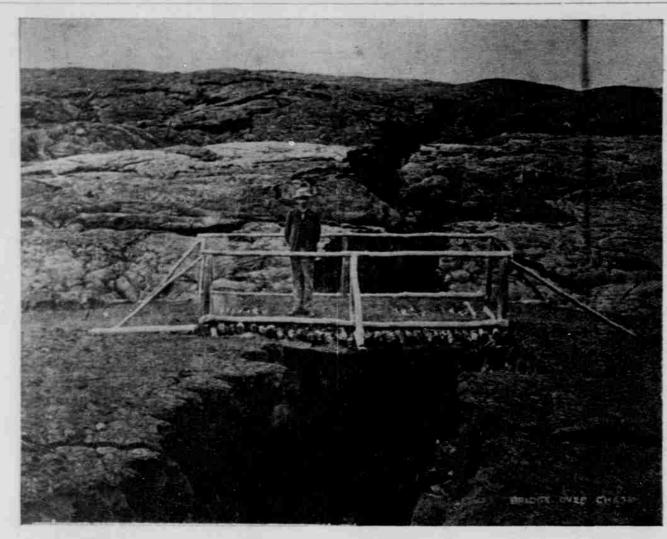
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Kilauea, Greatest Active Volcano in the World



CHASM IN FLOOR OF CRATER AND BRIDGE.—(Photo by Williams, Honolulu.)

themselves, with their perpetual hand in the making of all this. summer, their balmy sea breezes, their rich tropical foliage and their standing on the brink of Kilauea. As sea in recent years to the south and their standing on the brink of Kilauea and their standing of the brink of Kilauea and the br broad bathing beaches, the finest in the stage draws up to the Volcano east of Kilauea, and there are those which is the most primitive of plant some monster reptile seeking whom it several very interesting caverns or hot is a mass of moiten lava, or what it is a mass o the world, are one of nature's greatest House and the traveler looks out over | who believe that some day another | life known, and which will grow long | might devour. attractions for the traveler and the the great crater to the pit of everlast- island will be added to the Hawaiian before disintegration of the lava takes As you near the inner crater of Ki- as the smoke and sulphur fumes from smoke and gases constantly arising sight seer. But added to all these is ing fire there is a sense of disappoint- group. the wonderful living Volcano of Ki- ment. The Volcano is not a mountain | But to return to Kilauea as one of lanes, the most active volcano in the peak. It is not an opening in the the world's greatest wonders. To this lava floor until coming to the the sulphur beds where the old crater you. I had a frightful experience in heat around the crater is greater now world. The average tourist visiting Ki- summit of a high and mighty peak, as many of the old-time residents of Ha- great chasm, as it is called, a break was located, and the hot cracks, or my attempting to visit them. The than it was two years ago, and to the lauga makes the mistake of trying to we have been taught to regard volca- wall who have seen this volcano when in the heat cracks, as they are called, which wind was light and shifting, the smoke mind of many old timers in the Islands see the volcano and kindred attrac- noes from our childhood, but a great it was a molten mass of lava it is not eighties. This chasm extends clear are constantly pouring forth an intions all in a few hours. Instead of caldron of burnt and blackened and active now. I had several old-timers trying to do that, several days should charred lava, near the center of which say to me before my visit: "Oh, you other. It was made one night when and looking over the tops of the crater like a great cloud. I spoke of the outer rim of the be spent at Kilauea in order to fully is still another deep depression which won't see much there now; the volcomprehend the grandeur of the place. goes down into the seething mass of cano is not active." To these people crater in little streams. Suddenly there seen pouring forth from the furnaces dash for the hot cave with the guide, dred and fifty to six hundred feet This is so of every one of the world's | molten lava in the bowels of the earth. | the volcano may seem to be not active greatest wonders. I know that when I Arising from this pit are great volgreatest wonders. I know that when I Arising from this pit are great volgreatest wonders. I know that when I have been secured some fine specimens of lava refers to the first rim, as back from first visited Niagara Falls, as a youth, umes of smoke and gases and sulphur been at various periods in the last I was very much disappointed. I had fumes that everlastingly pour forth thirty years, but as a matter of fact under one of the little hills that had On the edges of these heat cracks, saw that the smoke was sweeping walls clearly indicating that pictured them in my mind, from de- into the air. I have watched them on it is the most active volcano in the scriptions and pictures in the old school geographies, as a perfect lake of water pouring over a precipice thou of water pouring over a precipic them in my mind, from destination of water found of the first out of world. Neither Vesuvius nor the solution of the brink of Halemaumau, the lava is out, only to be caught in a dense volution of the brink of Halemaumau, the lava is out, only to be caught in a dense volution of the brink of Halemaumau, the lava is out, only to be caught in a dense volution of the brink of Halemaumau, the lava is out, only to be caught in a dense volution of solution of solution of solution of solution of solution of the brink of Halemaumau, the lava is out, only to be caught in a dense volution of solution of solution of solution of solution of solution of the brink of Halemaumau, the lava is out, only to be caught in a dense volution of solution of sands instead of hundreds of feet high. na Loa the column of smoke and gases. But the more I saw of the falls the must have reached a height of from Kilauea. At times they are more actmore their grandeur and magnitude five to seven thousand feet. appealed to me. The awful force of What a field for speculation in the no time do any of them afford the that great body of water rushing on mighty forces at work in the bowels grand and weird sight afforded by Kiover the rapids, finally to take the of the earth to send forth every day, lauea when the lava in the inner lake fearful plunge, held me in perfect fas every hour, every minute this continu- boils to the surface and begins spreadcination. I wanted to linger in sight ous stream of smoke and gas. And ing itself over the floor of the main of them by the hour, and did not want | what a field for speculation by the crater,

the greatest tourist attraction in atheist there cannot but arise thoughts began farther on, until, last of all, foot or horseback, you follow a well the end. It travers up hill as well as affame from one end to the other in go too close to it. A stone thrown the world. The Hawaiian Islands of a delty of some kind that had a stands the mountain of Mauna Loa, kept trail down the sides of the rim to down dale. The lava flows on the fifty-four seconds. This will give one into the crater brings back no sound,

TAWAII may justly claim having spiring, and even in the mind of the gan. As one eruption cooled another

ive than Kilauea is just now, but at

readily be appreciated. There is nothing else like it in all the world, and it is well worth a journey around the world to see.

For the information of those who have never seen this wonderful firepit of the world it is well to explain that Kilauea consists of two pits or craters. The crater proper, which is nearly two miles long by one mile and one-half in width, and the inner crater, called Halemaumau, which means in English, House of Eternal Fire. The main crater is from four hundred to six hundred feet below the surrounding bluffs, while no one knows the deptn of Halemaumau, but it is generally estimated to be at present about nine hundred feet. This inner crater is probably 800 feet across the longest way by 600 the shortest, being eliptical in formation in periods of great activity Halemaumau fills with lava to the brim, sometimes pouring over on to the floor of the main crater. In 891 Halemaumau was a molten lake like some giant cauldron, boiling and boiling. Gradually the molten mass would rise higher and higher, sputtering and sputtering until a break in the rim would be made, and the molten lava would go pouring out over the floor of the main crater. Then relief from the pent-up forces below would be afforded and after a time there would be a sinking of the level of the boiling mass to a considerable distance below the rim.

This inner crater has several times shifted its position, the present crater being further to the south and east than that of 1891, which filled up and gave way to the present crater.

The trip over the bed of the main crater to Halemanman is one of the most weird that can be found in the was trying to force itself along from ated.

ter when this chasm was formed, it be- to get a look down, the hot biast could only go a short distance, as my and fifteen hundred feet above the ing the custom, in those days, to visit strikes you in the face with such breathing apparatus seemed shut up. bottom of Halemaumau. Along this the crater at night, as the sight was more magnificent after dark. Little streams of lava poured over the floor, but the surface cooled and hardened so quickly that one on foot could cross over a fresh stream of lava within a very few minutes after it had passed along. Of course one could not stand on it, for it would burn shoes, and there was great danger in crossing it, for often the surface woud give under the feet like thin ice will do. But. strange to say, no one was ever lost in these night excursions. This party that were cut off by the formation of the chasm were so long absent from the hotel that a searching party was sent out to see what had happened, and the searchers discovered them on the brink of the chasm, unable to get across. The rescuers returned to the hotel, where planks were secured. and these were laid across the chasm so that the imprisoned visitors could

This chasm is now crossed by a bridge sufficiently strong to bear up a horse. Continuing on toward Halemaumau, there is a gradual ascent, as the building up process, which has been going on through the ages, is gradually, but none the less certainly, building up a small mountain within the main crater. Here and there will be seen steam which comes from the bowels of the earth, pouring out of little cracks in the lava. And what fantastic pranks and freaks the lava played when it was pouring over the floor of the crater. Here it has built up a mound which has cracked and checked in all manner of fantastic figures as it cooled. Another mound of lava takes on the form of an Indian wickiup, while still another looks like a great roll of black molasses candy.

mative section of the world. To the active now. And yet this would be and goes traveling onward, leaving the these cracks half its length and held away.



FANTASTIC MOUND OF LAVA .- (Photo by Williams, Honolulu.)

world. Leaving the hotel, either on direction goes on in that direction to burning, and the entire stick was caving in, so that one does not dare on the side of which Kilauea is situ- the floor of the crater, where you set Island of Hawaii show where the lava some idea of the heat pouring from and the volume of smoke is so great at

place, has not been able to take root. lauea the steam cracks become more the crater are likely to drop over the Halemaumau is an opening for the One does not travel far after reaching numerous, and presently can be seen entrance to the caverns and envelop great world fires raging beneath. The coross the crater from one rim to the tense heat. Standing off at a distance riods and then dropping over the edge the part of Kilauea is not far distant. lava was pouring over the bed of the cracks the heat waves resemble those Watching an opportunity. I made a main crater as being from four hun-

been piled up, like those showr in the which are several hundred feet from down over us. I hastily clambered some time in the distant past the Tradition has it that a party of vis- the most part about six to ten inches readily imagine how the sulphur fumes steam cracks are fully six hundred itors were out on the floor of the cra- in width. Leaning over one of them affected me. I tried to run away, but feet above the floor of the main crater

caves. It is dangerous visiting them. Presumably, from the vast amount of

was a great quaking and the hot lava of an ore smelter, where the greatest and going down the ladder had just above the floor of the crater. That stalactites, when, on looking up, I that are two other distinct bluffs or more than one foot wide, being for for several years past, the reader can visitor as the crater itself. These



LAVA FORMATION ALONG EAST WALL OF HALEMAUMAU .- (Photo by Davy, Honolulu.)

to get far enough away to lose the scientist on the mighty heat energy

as though it was going right into the down into the crater that one can be in the pre-Adamite period, he would be as a staff in however, to hold onto two or three from the cracks. Some of these cracks bowels of the earth, I could not realize gin to grasp the awfulness of this for no doubt say that the falls are not more than a mile and a quarter, and scientist a visit to Kilauea is of even no more ridiculous than the expresbank, would, on the level plain, be ist. He can see the forces of nature dents of Hawaii who say that Kilauea able caves will be formed in this way. nearly 3 hours' ride on horseback. But at work as they must have been in the is not active now. From the pit of but generally the cavity is only a small cracks I dropped an ohia stick about in wonderful volumes for a while and stretch away for a length of several.

sight gradually untoles itself until at last man realizes how puny and insignificant in the world's creation he is, and how mighty and powerful are the works of nature. It becomes awe in-

To say that Kilauea is not active as one comes to the point a second time, or lingers there, the greatness tens of thousands of years ago.

In work as they must have been in the but generally the cavity is only a small oracks I dropped an only a small oracks I drop time, or images there, the greatness of side walls exposed down to a depth there and the many end by interequarters of side walls exposed down to a depth there and the many end by interequarters of side walls exposed down to a depth there are the many end by interequarters of side walls exposed down to a depth there are the many end by interequarters of side walls exposed down to a depth there are the many end by interequarters of side walls exposed down to a depth there are the many end by interequarters of side walls exposed down to a depth there are the many end by interequarters of side walls exposed down to a depth there are the many end by interequarters of side walls exposed down to a depth there.

Commencing to the northwest, in which may be thirty or may be a hundred feet.

Sight gradually unfolds itself until at the creation of the Hawaiian Islands.



LOOKING INTO HALEMAUMAU FORM NORTH WALL .- (Photo by Williams, Honolulu.)

all charred and burning at the lower maumau is the grandest of all. On one vents no larger than a man's body.

notice by the sound that here and it must have singed your face, but anew, driving the fumes away. In a distinct crevices or clefts in the rock. of course it is not hot enough for that few minutes I began to struggle for At times immense volumes of steam The same experience befel me in foot pounds or foot tons of power that not active, or the Yosemite Falls are viewing the grand canon of the Colosis here generated and goes to waste, not active, it the looking at the waves of heat from gled in the most serious attack of again the volume is small. At all rado, the greatest chasm in all the reckoned on the plain of serviceability in the pre-Adamite period when great face, while that underneath will still a distance, which pours from these asthma, and for a while thought that times, night and day, there is a conglaciers went sweeping down the lakes be at white heat. Inis cooling process cracks, it seems that surely such in surely I would choke to death. I con-In gazing at this sight from the dis- and made the plunge over Niagara and of the surface causes gases to form tense heat must take on the appear cluded then and there that people who them. From two or three the steam that mighty chasm, a distance of fully fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, with a great gorge below not at first realize the grandeur of fifteen miles, which of the gr what he sees. It is only by a trip compare them with what they were lava into all sorts of shapes. At other the flame is not far distant. A stick, any more specimens. I had managed, and can be heard some little distance

force that for a moment it seems that To my great relief the wind sprang up | rim these steam cracks follow three But the sight of the brink of Hale- he would go, while others are small

On the side of one of the outer rims